Aramid composition

Description of Technology: This invention concerns an aramid polymer whose repeat units are derived from p-phenylenediamine, terephthalic acid, 3,3'-bibenzoic acid, and optionally chloroterephthalic acid.

Patent Listing:

1. **US Patent No. 5,599,623**, Issued February 4, 1997, "Aramid composition"
http://patft.uspto.gov/netacgi/nph-Parser?Sect2=PTO1&Sect2=HITOFF&p=1&u=%2Fnetahtml%2FPTO%2Fsearch-bool.html&r=1&f=G&l=50&d=PALL&RefSrch=yes&Query=PN%2F5599623

Market Potential: Aromatic polyamides, or aramids, are useful for a variety of applications particularly as fibers. Some of these polymers have high strength, modulus, thermal resistance, etc. Thus, aramids with combinations of good physical properties are constantly sought. This usually means making aramids with new combinations of repeat units.

Benefits:

- High strength, modulus, thermal resistance

Applications:

- Aramid polymer used as fibers

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